K.86
6/22/95

153581

AMERICAN BOTTOMS REGIONAL PRETREATMENT PROGRAM

INDUSTRIAL WASTE SURVEY FORM

APPLICATION FOR WASTEWATER DISCHARGE PERMIT

SECTION A - GENERAL INFORMATION:

A.1. Company Name: USEPA Region 5

Address: Sauget Landfill Site G
1218 Queeny Ave
Sauget IL 62206

Telephone: site# (618) 332-6519 office#

A.2. Address of production or manufacturing facility: Check here ☑ if same as above.

Address:

Telephone: ( )

A.3. Name, title, and telephone number of person authorized to represent this firm in official dealings with the Control Authority:

Name: San Borries

Title: On Scene Coordinator

Telephone: site# (618) 332-6519 office# 312-353-2886

A.4. Alternate person to contact concerning information provided herein:

Name: Ken Braig

Title: Response Manager, Riedel/Smith Environmental

Telephone: site# (618) 332-6528 office# 314-532-7660

A.5. Identify the type of business conducted and include the Standard Industrial Classification (SIC) code for each operation: (Attach additional sheet if necessary.) NA, Removal Action, USEPA

1. _____ SIC Code: _____
2. _____ SIC Code: _____
3. _____ SIC Code: _____
4. _____ SIC Code: _____
5. _____ SIC Code: _____

A.6. Provide a brief narrative description of the manufacturing, production, or service activities your firm conducts.

A.7. If you have previously submitted a Baseline Monitoring Report and/or Categorical Deadline Report [40 CFR 403.12(b) and (d)], please attach a copy and omit information from this form which is contained thereon, provided the information remains current.

A.8. This facility generates the following types of wastes (check all that apply):

		Average gallons per day		
☐ 1.	Domestic wastes (restrooms, employee showers, etc.)	_____	☐ estimated	☐ measured
☐ 2.	Cooling water, non-contact	_____	☐ estimated	☐ measured
☐ 3.	Boiler/Tower blowdown	_____	☐ estimated	☐ measured
☐ 4.	Cooling water, contact	_____	☐ estimated	☐ measured
☐ 5.	Process	_____	☐ estimated	☐ measured
☐ 6.	Equipment/Facility washdown	_____	☐ estimated	☐ measured
☐ 7.	Air Pollution Control Unit	_____	☐ estimated	☐ measured
☑ 8.	Storm water runoff to sewer	* 900,000	☑ estimated	☐ measured
☐ 9.	Other (describe)	_____	☐ estimated	☐ measured
	TOTAL:	_____		

* storm water is contained adjacent to site, none has been discharged yet.

A.9 Wastes are discharged to (check all that apply):

	Average gallons per day		
☑ Sanitary sewer	900,000	☑ estimated	☐ measured
☐ Storm sewer	_____	☐ estimated	☐ measured
☐ Surface water	_____	☐ estimated	☐ measured
☐ Ground water	_____	☐ estimated	☐ measured
☐ Waste haulers	_____	☐ estimated	☐ measured
☐ Evaporation	_____	☐ estimated	☐ measured
☐ Other (describe)	_____	☐ estimated	☐ measured

Provide name and address of waste hauler(s), if used.

_____

_____

_____

A.10 Is a Spill Prevention Control and Countermeasure (SPCC) Plan prepared for this facility? ☐ Yes ☑ No not required

If so, has a copy been provided to American Bottoms?
☐ Yes ☐ No

NOTE: If your facility did not check one or more of the items listed in A.8.4 through A.8.9 above, then you do not need to complete any further sections in this survey/application. If any items A.8.4 through A.8.9 were checked, complete the remainder of this survey/application.

NOTE TO SIGNING OFFICIAL: In accordance with Title 40 of the Code of Federal Regulations part 403 Section 403.14, information and data provided in this questionnaire which identifies the nature and frequency of discharge shall be available to the public without restriction. Requests for confidential treatment of other information shall be governed by procedures specified in 40 CFR Part 2, the Illinois Freedom of Information Act, and Section 4.16 of the Village of Sauget Pretreatment Ordinance. Should a discharge permit be required for your facility, the information in this questionnaire will be used to issue the permit.

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Fred C. Bartman
Signature of authorized official

6/22/95
Date

USEPA/Region V/On Scene Coordinator
Title

SECTION B - PRODUCTION DATA SHEET

Complete a separate sheet for each product line located at this facility.

Product line: USEPA Region V removal action

Raw materials and process additives used: _____

Production process is: NA

☐ batch, ☐ continuous, ☐ both: ____ % batch ___ % continuous

Average number of batches per 24 hour day: _____

Hours of operation: ____ a.m. to ___ p.m. ☐ continuous

Is the production rate of this process seasonal? (If yes, please explain how it varies.)

Is this production process subject to regulation under a Federal Categorical Pretreatment Standard?

☐ Yes ☑ No

If yes, are pretreatment standards for each industrial category being met on a consistent basis by this facility?

☐ Yes ☐ No ☑ N/A

If no, will additional pretreatment and/or operations and maintenance be required for this facility to meet pretreatment standards?

☐ Yes ☐ No ☑ N/A

If no, explain the reason for noncompliance.

SECTION C - WASTEWATER INFORMATION

C.1 If the facility employs processes in any of the 34 industrial categories as defined for pretreatment purposes in 40 CFR and listed in "A" below or business activities listed in "B" below and any of these processes generate wastewater or waste sludge, place a check beside the corresponding categories or business activities.

A. 34 Industrial Categories

1. ☐ Adhesives
2. ☐ Aluminum Forming
3. ☐ Auto & Other Laundries
4. ☐ Battery Manufacturing
5. ☐ Coal Mining
6. ☐ Coil Coating
7. ☐ Copper Forming
8. ☐ Electric & Electronic Components
9. ☐ Electroplating
10. ☐ Explosives Manufacturing
11. ☐ Foundries
12. ☐ Gum & Wood Chemicals
13. ☐ Inorganic Chemicals
14. ☐ Iron & Steel
15. ☐ Leather Tanning and Finishing
16. ☐ Mechanical Products
17. ☐ Nonferrous Metals
18. ☐ Ore Mining
19. ☐ Organic Chemicals
20. ☐ Paint & Ink
21. ☐ Pesticides
22. ☐ Petroleum Refining
23. ☐ Pharmaceuticals
24. ☐ Photographic Supplies
25. ☐ Plastic & Synthetic Materials
26. ☐ Plastics Processing
27. ☐ Porcelain Enamel
28. ☐ Printing & Publishing
29. ☐ Pulp & paper
30. ☐ Rubber
31. ☐ Soaps & Detergents
32. ☐ Steam Electric
33. ☐ Textile Mills
34. ☐ Timber

B. Other Business Activity

☐ Dairy Products
☐ Slaughter/Meat Packing/Rendering
☐ Food/Edible Products Processor
☐ Beverage Bottler

C.2 If this facility employs any pretreatment devices or processes used for treating wastewater or sludge for any production process, please circle those used and indicate the tributary production process:

Pretreatment Process	Production Process Treated
☐ Air Flotation	
☐ Centrifuge	
☐ Chemical precipitation	
☐ Chlorination	
☐ Cyclone	
☐ Filtration	
☐ Flow equalization	
☐ Grease or oil separation, type _____	
☐ Grease trap	
☐ Grit removal	
☐ Ion exchange	
☐ Neutralization, pH correction	
☐ Ozonation	
☐ Reverse osmosis	
☐ Screen	
☐ Sedimentation	
☐ Septic Tank	
☐ Solvent separation	
☐ Spill protection	
☐ Sump	
☐ Biological treatment, type _____	
☐ Rainwater diversion or storage	
☐ Other chemical treatment, type _____	
☐ Other physical treatment, type _____	
☐ Other, type _____	
☐ No pretreatment provided	

C.3 Attachments

1. If any wastewater analyses have been performed on the wastewater discharge(s) from your facilities, attach a copy of the most recent data to this questionnaire. Be sure to include the date of the analysis, and location(s) from which the sample or samples were taken (attach sketches, plans, etc. as necessary.

2. Please attach a sketch of your plant showing sewage flow schematics, locations of processes identified in "A" & "B" above and the points at which process wastewaters enter sewers to include dilution water.

C.4. Priority Pollutant Information: Please indicate by placing an "X" in the appropriate box by each listed chemical whether it is "Known to be Absent", "Suspected to be Absent", "Suspected to be Present", or "Known to be Present" in your manufacturing or service activity or generated as a by-product. In lieu of this section, attach a copy of a recent, representative priority pollutant scan of your facility's wastewater discharge.

CHEMICAL COMPOUND		KNOWN ABSENT	SUSPECTED ABSENT	SUSPECTED PRESENT	KNOWN PRESENT	CONCENTRATION
I. METALS & INORGANICS						
1. Antimony	1	☐	☑	☐	☐	
2. Arsenic	2	☑	☐	☐	☑	.0045 mg/L (PPM)
3. Asbestos	3	☐	☑	☐	☐	
4. Beryllium	4	☐	☑	☐	☐	
5. Cadmium	5	☑	☐	☐	☐	<.005
6. Chromium	6	☑	☐	☐	☐	<.010
7. Copper	7	☐	☐	☐	☑	.061
8. Cyanide	8	☑	☐	☐	☐	<0.01 mg/L
9. Lead	9	☐	☐	☐	☑	.0060 mg/L
10. Mercury	10	☐	☐	☐	☑	0.0004 mg/L
11. Nickel	11	☑	☐	☐	☐	<0.040
12. Selenium	12	☑	☐	☐	☐	<0.200
13. Silver	13	☑	☐	☐	☐	<0.010
14. Thallium	14	☐	☑	☐	☐	
15. Zinc	15	☐	☐	☐	☑	0.213
II. PHENOLS AND CRESOLS						
16. Phenol(s)		☐	☐	☐	☑	0.05
17. Phenol, 2-chloro		☑	☐	☐	☐	
18. Phenol, 2,4-dichloro		☐	☐	☐	☑	20 ug/L (PPB)
19. Phenol, 2,4,6-trichloro		☑	☐	☐	☐	
20. Phenol, pentachloro		☑	☐	☐	☐	
21. Phenol, 2-nitro		☑	☐	☐	☐	
22. Phenol, 4-nitro		☑	☐	☐	☐	
23. Phenol, 2,4-dinitro		☑	☐	☐	☐	
24. Phenol, 2,4-dimethyl		☑	☐	☐	☐	
25. m-Cresol, p-chloro		☑	☐	☐	☐	
26. o-Cresol, 4,6-dinitro		☑	☐	☐	☐	
III. MONOCYCLIC AROMATICS (excluding phenols, cresols, and phthalates)						
27. Benzene		☑	☐	☐	☐	
28. Benzene, chloro		☑	☐	☐	☐	
29. Benzene, 1,2-dichloro		☑	☐	☐	☐	
30. Benzene, 1,3-dichloro		☑	☐	☐	☐	
31. Benzene, 1,4-dichloro		☑	☐	☐	☐	
32. Benzene, 1,2,4-trichloro		☑	☐	☐	☐	
33. Benzene, hexachloro		☑	☐	☐	☐	
34. Benzene, ethyl		☑	☐	☐	☐	
35. Benzene, nitro		☑	☐	☐	☐	
36. Toluene		☑	☐	☐	☐	
37. Toluene, 2,4-dinitro		☑	☐	☐	☐	
38. Toluene, 2,6-dinitro		☑	☐	☐	☐	

CHEMICAL COMPOUND	KNOWN ABSENT	SUSPECTED ABSENT	SUSPECTED PRESENT	KNOWN PRESENT	CONCENTRATION
IV. PCBs & RELATED COMPOUNDS					
39. PCB-1016	☐	☐	☐	☐	
40. PCB-1221	☐	☐	☐	☐	
41. PCB-1232	☐	☐	☐	☐	
42. PCB-1242	☐	☐	☐	☐	
43. PCB-1248	☐	☐	☐	☐	
44. PCB-1254	☐	☐	☐	☐	
45. PCB-1260	☐	☐	☐	☒	1 PPB
46. 2-Chloronaphthalene	☐	☐	☐	~~☒~~ ☐	~~1 PPB~~ NB
V. ETHERS					
47. Ether, bis(chloromethyl)	☐	☑	☐	☐	
48. Ether, bis(2-chloroethyl)	☐	☑	☐	☐	
49. Ether, bis(2-chloroisopropyl)	☐	☑	☐	☐	
50. Ether, 2-chloroethyl vinyl	☐	☑	☐	☐	
51. Ether, 4-bromophenyl phenyl	☐	☑	☐	☐	
52. Ether, 4-chlorophenyl phenyl	☐	☑	☐	☐	
53. Bis(2-chloroethoxy) methane	☐	☑	☐	☐	
VI. NITROSAMINES (and other nitrogen containing compounds)					
54. Nitrosamine, dimethyl	☑	☐	☐	☐	
55. Nitrosamine, diphenyl	☐	☑	☐	☐	
56. Nitrosamine, di-n-propyl	☑	☐	☐	☐	
57. Benzidine	☐	☑	☐	☐	
58. Benzidine, 3,3'-dichloro	☐	☑	☐	☐	
59. Hydrazine, 1,2-diphenyl	☐	☑	☐	☐	
60. Acrylonitrile	☐	☑	☐	☐	
VII. HALOGENATED ALIPHATICS					
61. Methane, bromo	☐	☑	☐	☐	
62. Methane, chloro	☐	☑	☐	☐	
63. Methane, dichloro	☐	☑	☐	☐	
64. Methane, chlorodibromo	☐	☑	☐	☐	
65. Methane, dichlorobromo	☐	☑	☐	☐	
66. Methane, tribromo	☐	☑	☐	☐	
67. Methane, trichloro	☐	☑	☐	☐	
68. Methane, tetrachloro	☐	☑	☐	☐	
69. Methane, trichlorofluoro	☐	☑	☐	☐	
70. Methane, dichlorodifluoro	☐	☑	☐	☐	
71. Ethane, 1,1-dichloro	☐	☑	☐	☐	
72. Ethane, 1,2-dichloro	☐	☑	☐	☐	
73. Ethane, 1,1,1-trichloro	☐	☑	☐	☐	
74. Ethane, 1,1,2-trichloro	☐	☑	☐	☐	
75. Ethane, 1,1,2,1-tetrachloro	☐	☑	☐	☐	
76. Ethane, hexachloro	☐	☑	☐	☐	
77. Ethene, chloro	☐	☑	☐	☐	
78. Ethene, 1,1-dichloro	☐	☑	☐	☐	
79. Ethene, trans-dichloro	☐	☑	☐	☐	
80. Ethene, trichloro	☐	☑	☐	☐	
81. Ethene, tetrachloro	☐	☑	☐	☐	
82. Propane, 1,2-dichloro	☐	☑	☐	☐	
83. Propene, 2,4-dichloro	☐	☑	☐	☐	
84. Butadiene, hexachloro	☐	☑	☐	☐	
85. Cyclopentadiene, hexachloro	☐	☑	☐	☐	

CHEMICAL COMPOUND	KNOWN ABSENT	SUSPECTED ABSENT	SUSPECTED PRESENT	KNOWN PRESENT	CONCENTRATION
VIII. PHTHALATE ESTERS					
86. Phthalate, di-n-methyl	☑	☐	☐	☐	
87. Phthalate, di-n-ethyl	☐	☐	☐	☑	13 PPB
88. Phthalate, di-n-butyl	☑	☐	☐	☐	
89. Phthalate, di-n-octyl	☑	☐	☐	☐	
90. Phthalate, bis(2-ethylhexyl)	☑	☐	☐	☐	
91. Phthalate, butyl benzyl	☑	☐	☐	☐	
IX. POLYCYCLIC AROMATIC HYDROCARBONS					
92. Acenaphthene	☑	☐	☐	☐	
93. Acenaphthylene	☑	■	☐	☐	
94. Anthracene	☑	☐	☐	☐	
95. Benzo (a) anthracene	☑	☐	☐	☐	
96. Benzo (b) fluoranthene	☑	☐	☐	☐	
97. Benzo (k) fluoranthene	☑	☐	☐	☐	
98. Benzo (ghi) perylene	☑	☐	☐	☐	
99. Benzo (a) pyrene	☑	☐	☐	☐	
100. Chrysene	☑	☐	☐	☐	
101. Dibenzo (a,n) anthracene	☑	☐	☐	☐	
102. Fluoranthene	☑	☐	☐	☐	
103. Fluorene	☑	☐	☐	☐	
104. Indeno (1,2,3-cd) pyrene	☑	☐	☐	☐	
105. Naphthalene	☑	☐	☐	☐	
106. Phenanthrene	☑	☐	☐	☐	
107. Pyrene	☑	☐	☐	☐	
X. PESTICIDES					
108. Acrolein	☐	☑	☐	☐	
109. Aldrin	☐	☑	☐	☐	
110. BHC (alpha)	☐	☑	☐	☐	
111. BHC (beta)	☐	☑	☐	☐	
112. BHC (gamma) or Lindane	☐	☑	☐	☐	
113. BHC (delta)	☐	☑	☐	☐	
114. Chlordane	☐	☑	☐	☐	
115. DDD	☐	☑	☐	☐	
116. DDE	☐	☑	☐	☐	
117. DDT	☐	☑	☐	☐	
118. Dieldrin	☐	☑	☐	☐	
119. Endosulfan (alpha)	☐	☑	☐	☐	
120. Endosulfan (beta)	☐	☑	☐	☐	
121. Endosulfan sulfate	☐	☑	☐	☐	
122. Endrin	☐	☑	☐	☐	
123. Endrin aldehyde	☐	☑	☐	☐	
124. Heptachlor	☐	☑	☐	☐	
125. Heptachlor epoxide	☐	☑	☐	☐	
126. Isophorone	☐	☑	☐	☐	
127. TCDD (or Dioxin)	☐	■	☐	☑	0.1 parts per trillion (Equivalency)
128. Toxaphene	☐	☑	☐	☐	

C.5. If you are unable to identify the chemical constituents of products you use that discharge into your wastewater, attach material safety data sheets for such products.

SECTION D - OTHER WASTES

D.1. Are any liquid wastes or sludges from this firm disposed of by means other than discharge to the sewer system? ☐ Yes ☒ No

If "no", skip remainder of this section.

If "yes", complete this section.

D.2. These wastes may best be described as:

		Estimated gallons or pounds per year:
☐	Acids and alkalies	
☐	Heavy metal sludges	
☐	Inks or dyes	
☐	Oil and/or grease	
☐	Organic compounds	
☐	Paints	
☐	Pesticides	
☐	Plating wastes	
☐	Pretreatment sludges	
☐	Solvents/thinners	
☐	Other hazardous wastes (specify)	
☐	Other wastes (specify)	

D.3. For the above checked wastes, does your company practice:

☐ On-site storage
☐ Off-site storage NA
☐ On-site disposal
☐ Off-site disposal

Briefly describe the method(s) of storage or disposal checked above.

D.4 Does your facility have an active waste minimization or pollution prevention program? If so, briefly describe the program or attach a copy. NA